

Serial No. 09/964,216

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for purifying ~~a protein, which comprises a C₂/C₃-region,~~ an anti-HER2 antibody from a contaminated solution thereof by Protein A chromatography comprising:

- (a) adsorbing the protein anti-HER2 antibody to Protein A immobilized on a solid phase comprising silica or glass;
- (b) removing contaminants bound to the solid phase by washing the solid phase with a hydrophobic electrolyte solvent; and
- (c) recovering the protein anti-HER2 antibody from the solid phase.

2.-3. (cancelled)

4. (currently amended) The method of claim 1 wherein the hydrophobic electrolyte in the hydrophobic electrolyte solvent comprises tetramethylammonium chloride (TMAC).

5. (currently amended) The method of claim 1 wherein the hydrophobic electrolyte in the hydrophobic electrolyte solvent comprises tetraethylammonium chloride (TEAC).

6. (original) The method of claim 1 wherein the solid phase is a controlled pore glass column.

7. (original) The method of claim 1 wherein the solid phase is a silicic acid column.

8. (original) The method of claim 1 wherein the contaminants are Chinese Hamster Ovary Proteins (CHOP).

9. (original) The method of claim 1 wherein the concentration of the hydrophobic electrolyte in the hydrophobic electrolyte solvent is in the range from about 0.1 to about 1.0 M.

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10. (original) The method of claim 1 wherein the pH of the hydrophobic electrolyte solvent is in the range from about 4 to about 8.

11. (original) The method of claim 1 wherein step (c) comprises eluting the protein using an elution buffer having a pH in the range from about 2.0 to about 5.0.